CONTENTS

Volume 13, Issues No. 1–8 (1993)

JOURNAL OF CLIMATOLOGY

Issue No. 1, January–February

An Analysis of Australian Seasonal Rainfall Anomalies: 1950–1987. I: Spatial Patterns: W. Drosdowsky 1

Luni-Solar 18.6- and Solar Cycle 10–11-Year Signals in USA Air Temperature Records: R. G. Currie 31

Temporal Variation of Relations between New South Wales Rainfall and the Southern Oscillation: Y. Opoku-Ankomah and I. Cordery 51

Temporal Characteristics of USA Snowfall 1945–1946 through to 1984–1985: D. J. Leathers, T. L. Mote, K. C. Kuivinen, S. McFeeters and D. R. Kluck 65

Long-term Variations in Regional Rainfall in the South-West of Western Australia and the Difference between Average and High Intensity Rainfalls: B. Yu and D. T. Neil 77

The Spatial Organization of Daily Rainfall over Mallorca, Spain: G. Sumner, C. Ramis and J. A. Guijarro. 89

Issue No. 2, March

An Analysis of Australian Seasonal Rainfall Anomalies: 1950–1987. II: Temporal Variability and Teleconnection Patterns: W. Drosdowsky. 111

Water Vapour Transport Over Southern Africa During Wet and Dry Early and Late Summer Months: P. C. D'Abreton and J. A. Lindesay 151

Synoptic Climatology of Atlantic Coast North-Easters: R. E. Davis, R. Dolon and G. Demme. 171

Decreasing Precipitation Trend in the Marathon Area, Greece: G. T. Amanatidis, A. G. Paliatsos, C. C. Repapis and J. G. Bartzis 191

Comments on: 'The Effect of Domain Shape on Principal Components Analyses': M. B. Richman 203

The Effect of Domain Shape on Principal Components Analyses: A Reply: D. R. Legates 219

Recent Climatic Maps 230

Indexed or abstracted by 'Cambridge Scientific Abstracts', 'Current Awareness in Biological Sciences', 'Current Contents/Physical, Chemical & Earth Sciences', 'Current Geographical Pubs', 'Current Index in Statistics', 'Environmental Periodicals Bibliography', 'Geo Abstracts: Physical Geography', 'Int Bib of Periodical Literature', 'International Petroleum Abstracts', 'Oceanographic Literature Review', 'Research Alert (ISI)', 'Science Citation Index (ISI)', 'SCISEARCH Database (ISI)', 'Selected Water Resources Abstracts' and 'VINITI-USSR Academy of Sci.'

Issue No. 3, April

Luni-Solar 18.6- and 10–11-Year Solar Cycle Signals in South African Rainfall: R. G. Currie 237

Satellite OLR and Microwave Data as a Proxy for Summer Rainfall Over Sub-Equatorial Africa and Adjacent Oceans: M. R. Jury, B. Pathack and D. Waliser 257

West African Rainfall Deficits and Sea Surface Temperatures: B. Fontaine and S. Bigot 271

The Effect of Coastline Curvature on the Weakening of Atlantic Tropical Cyclones: R. F. Rogers and R. E. Davis 287

The Zones of Severe Rainstorm Activity Over India: O. N. Dhar and S. Nandargi . . . 301

Some Aspects of the Climatology of Dumont D'Urville, Adélie Land, Antarctica: C. Périard and P. Pettré. 313

Monthly-Mean Temperature Anomalies in Relation to Spatial Scale in Japan: A. M. Murata 329

Book Reviews 343

Issue No. 4, May–June

Class – A Canadian Land Surface Scheme for GCMS, II. Vegetation Model and Coupled Runs: D. L. Verseghy, N. A. McFarlane and M. Lazare 347

A Re-evaluation of Rainfall Variability in the Sahel. Part I. Characteristics of Rainfall Fluctuations: S. E. Nicholson and I. M. Palao 371

Variations of Some Seasonal Rainfall Characteristics in Queensland, Australia: 1921–1987: J. M. Lough 391

Comparison of Coastal Wind and Pressure Trends Over the Tropical Atlantic: 1946–1987: G. R. Bigg 411

A Connection Between Mean Wave Height and Atmospheric Pressure Gradient in the North Atlantic: S. Bacon and D. J. T. Carter 423

Temporal Variations of the Vertical Profile of Temperatures of Argentina; M. L. Duarte 437

The Influence of Variable Weather Patterns on River Water Quantity and Quality Regimes: R. L. Wilby 447

Book Reviews 461

Recent Climatic Maps 467

Issue No. 5, July–August

Global Land-surface Albedo Modelling: C. M. Rowe 473

The Random Nature of Drought: Mathematical and Physical Causes: A. H. Gordon . . 497

Cyclone Tracks and Wintertime Climate in the Mid-Atlantic Region of the USA: P. C. Knappenberger and P. J. Michaels 509

Interannual Variability of Rainfall in the Eastern Horn of Africa and Indicators of Atmospheric Circulation: G. Beltrando and P. Camberlin 533
Coherent Rainfall Zones of the Indian Region: S. Gadgil, Yadumani and N. V. Joshi . . 547
Seasonal and Annual Rainfall Variations Over Nigeria: R. N. C. Anyadike 567

Issue No. 6, September–October

Global Cloud Cover and Cloud Water Path from ISCCP C2 Data: F. Drake. 581
The Development of a Satellite-based Insolation Model for the Tropical Western Pacific Ocean: M. Nunez 607
The Climatology and Characteristics of Drought in the Eastern Cape of South Africa: M. R. Jury and K. Levey 629
Detection of Trend or Change in Annual Flow of Australian Rivers: F. H. S. Chiew and T. A. McMahon 643
A Comparison of Lamb Circulation Types with an Objective Classification Scheme: P. D. Jones, M. Hulme and K. R. Briffa 655
Deterministic Signals in European Fish Catches, Wine Harvests, and Sea-level, and Further Experiments: R. G. Currie, T. Wyatt and D. P. O'Brien 665
Spectral Band Resolution of Solar Radiation in Athens, Greece: C. P. Jacovides, G. B. Kallos and M. D. Steven 689
Recent Climatic Maps. 700

Issue No. 7, November

A Preliminary Assessment of the Spatial and Temporal Characteristics of Human Comfort in China: G. R. McGregor 707
Arrival and Withdrawal Dates of the Summer Monsoon in Bangladesh: R. Ahmed and S. Karmakar 727
A Statistical Approach Towards a Regionalization of Daily Rainfall in Sri Lanka: M. Domroes and E. Ranatunge 741
An Assessment of Air Quality Variations in the South-Western USA Using an Upper Air Synoptic Climatology: R. E. Davis and D. A. Gay 755
Observations of Climate, Albedo, and Surface Radiation Over Cleared and Undisturbed Amazonian Forest: H. G. Bastable, W. J. Shuttleworth, R. L. G. Dallarosa, G. Fisch and C. A. Nobre. 783
Urban Climate Effects of Artificial Heat Sources and Ground Shadowing by Buildings: H. Swaid. 799
Book Reviews 813

Issue No. 8, December

Weather Categorization Based on the Average Linkage Clustering Technique: An Application to European Mid-Latitudes: R. Huth, I. Nemešová and N. Klimperová 817

ENSO Phenomenon and 30–50 Day Variability in the Australian Summer Monsoon Rainfall: R. Suppiah 837

Variations of Hemispheric Zonal Index Since 1899 and Its Relationship with Air Temperature: K. M. Kożuchowski 853

Teleconnections Between North Pacific SST Anomalies and Growing Season Extended Dry Spells on the Canadian Prairies: B. R. Bonsal, A. K. Chakravarti and R. G. Lawford 865

Assessing Climate Model Sensitivity to Prescribed Deforested Landscapes: A. J. Pitman, T. B. Durbridge, A. Henderson-Sellers and K. McGuffie 879

Adjustment of Temperature and Rainfall Records for Site Changes: D. A. Rhoades and M. J. Salinger 899

Climatological Study of the Total Ozone Field Around the Subtropical Jet Stream: D. A. Begum 915

Book Reviews 923